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TOOLS:

- [Phillips #1 Screwdriver](#) (1)
-

Step 1 — Outer Case



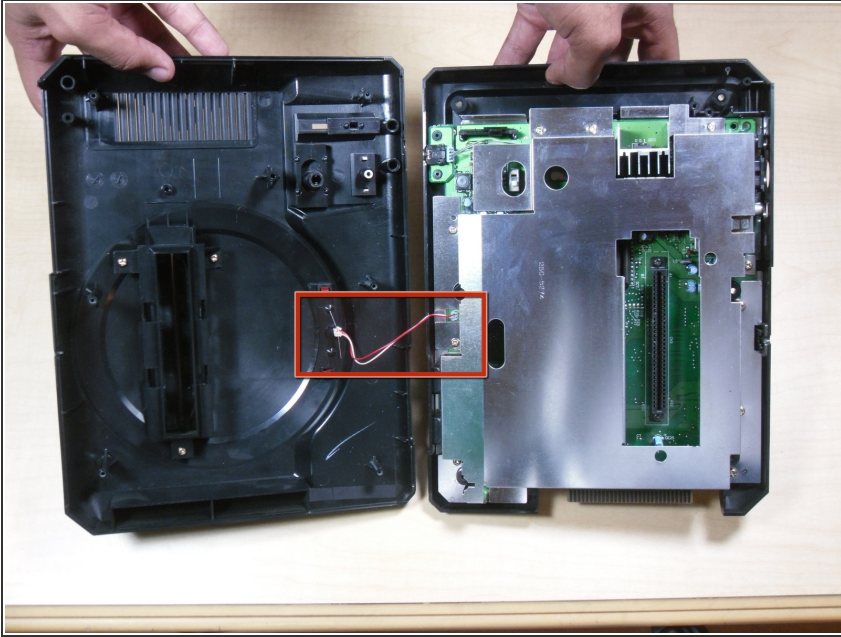
- Remove the six screws from the underside of the console with a Phillips #1 screwdriver.

Step 2



- Flip the Sega Genesis upright.

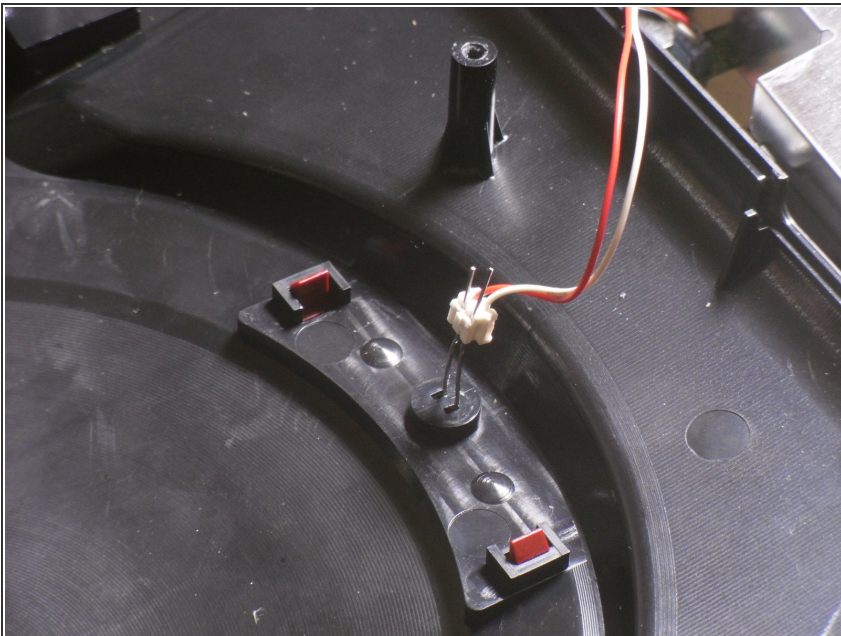
Step 3



- Gently lift the top casing.

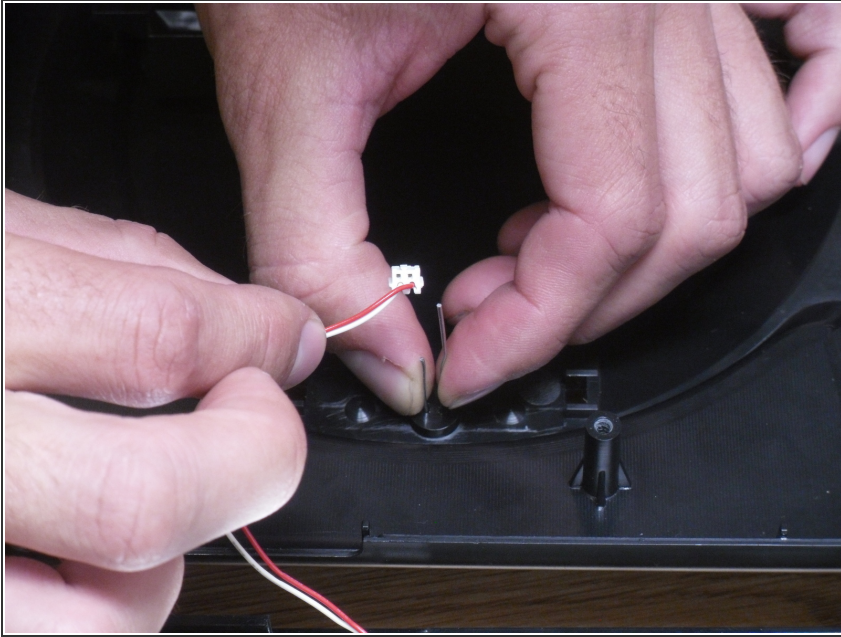
 **Note: the case will be connected to the main board by LED wires.**

Step 4



- Bend out the LED leads into vertical positions.

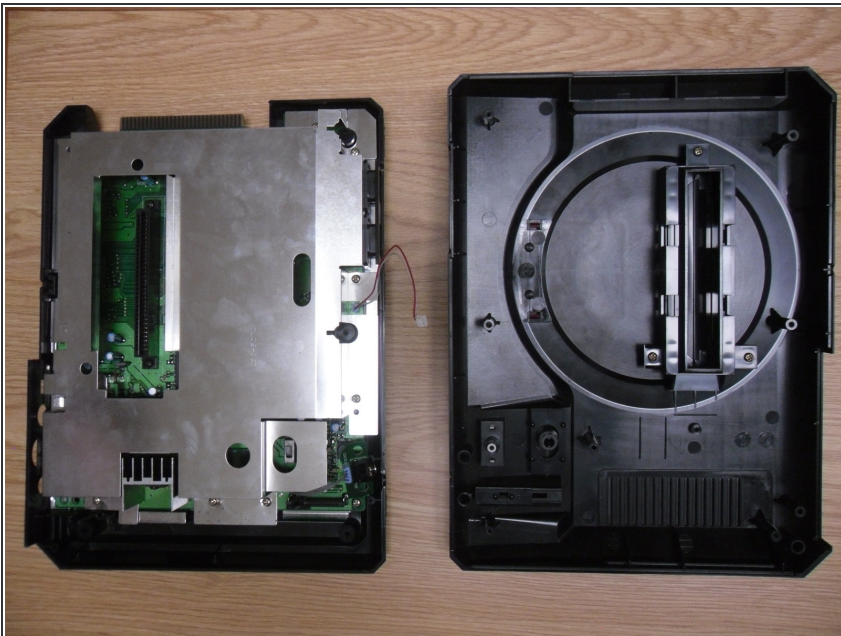
Step 5



- Slide the LED wire apparatus off the lead pins.

⚠ Note: observe which color wire corresponds with which length of pin.

Step 6



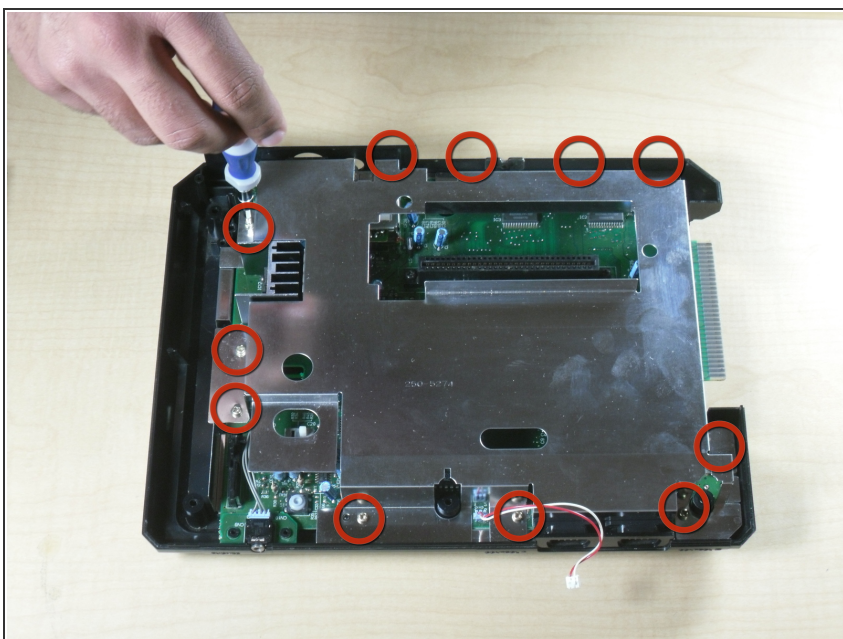
- Separate the main board from the outer case.

Step 7 — Motherboard



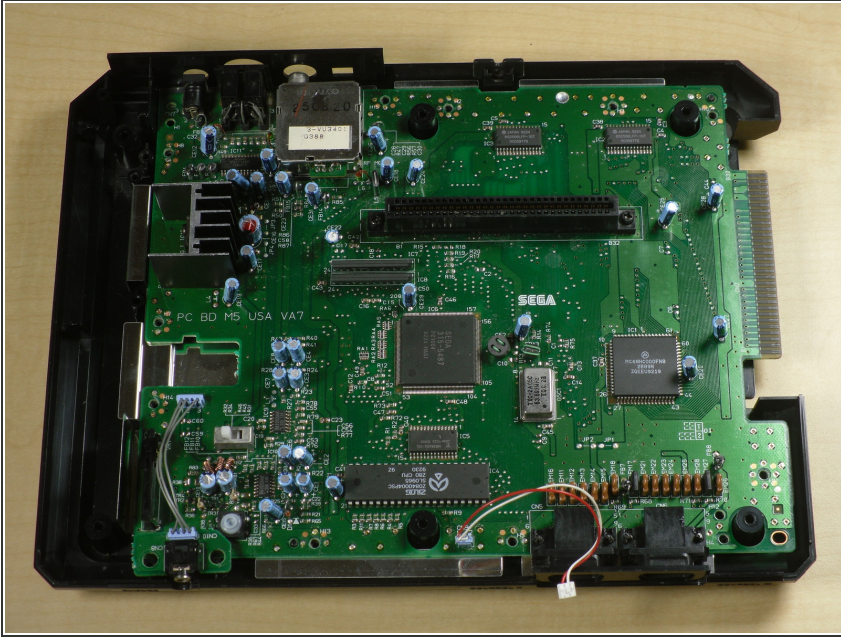
- Remove single black screw from the outside of the bottom cover, using a Philips screwdriver.

Step 8



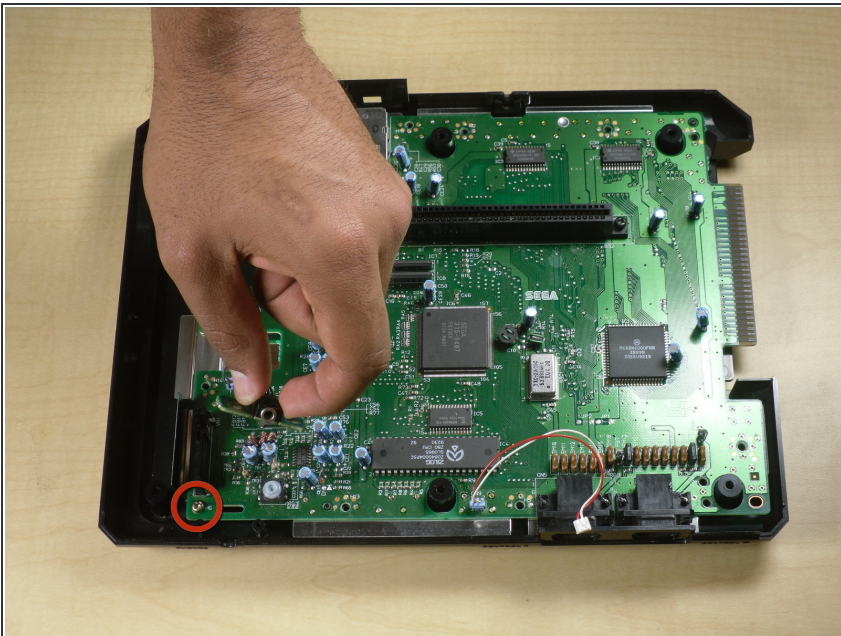
- Using a Philips screwdriver, remove 11 screws securing silver casing.

Step 9



- Remove silver case.

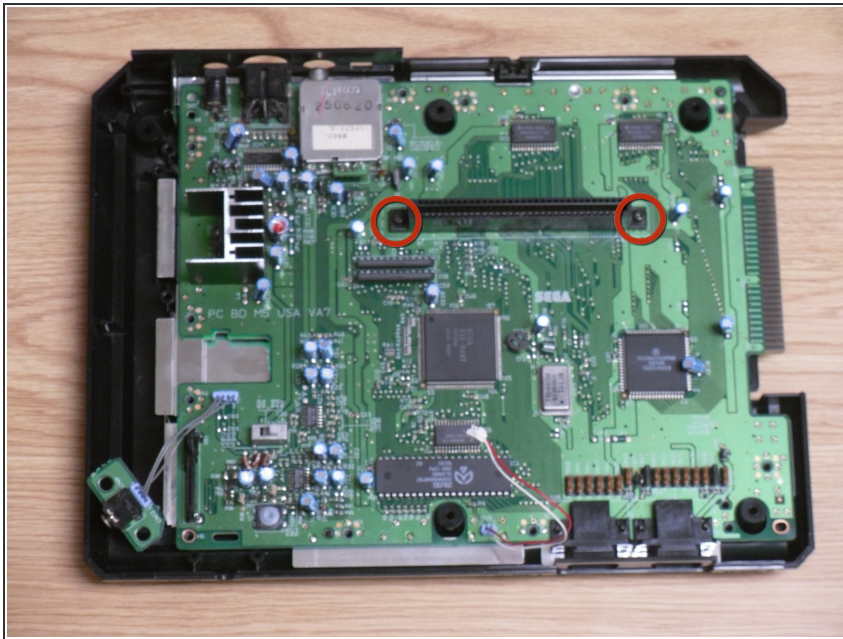
Step 10



- Remove single golden screw on motherboard using Philips screwdriver.

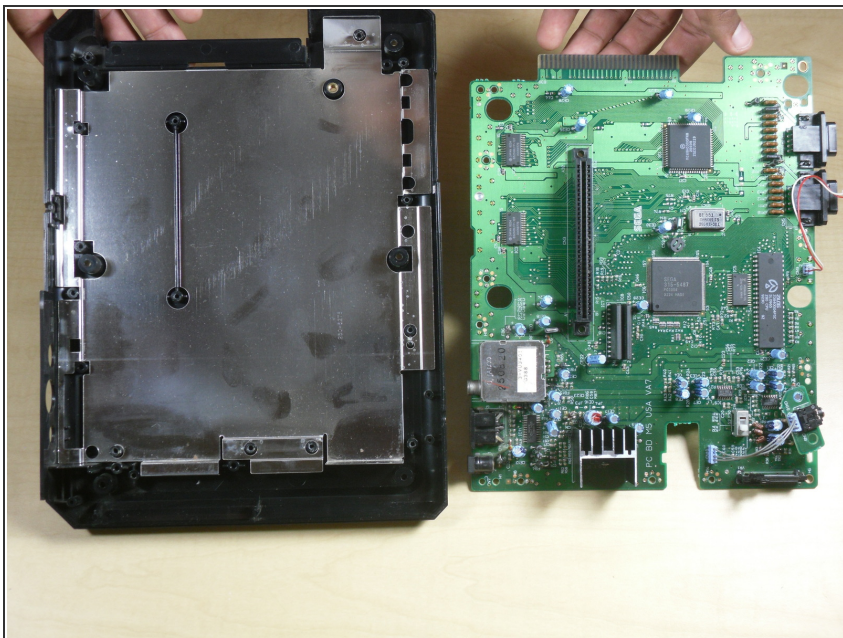
Note: Push headphone jack to the side.

Step 11



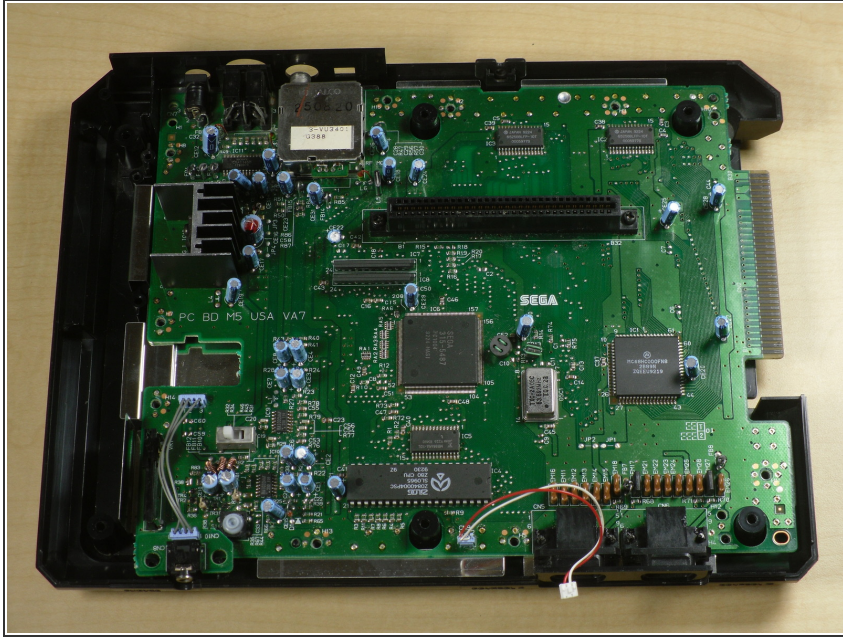
- Remove two black screws on the left and right sides of the cartridge slot.

Step 12



- Remove motherboard.

Step 13



- Re-install new motherboard.

To reassemble your device, follow these instructions in reverse order.

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